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(71) Applicant (*for all designated States except US*): GENENCOR INTERNATIONAL, INC. [US/US]; 925 Page Mill Road, Palo Alto, CA 94304 (US).

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(72) Inventors; and

(75) Inventors/Applicants (*for US only*): DUNN-COLEMAN, Nigel [US/US]; 142 Johnson Avenue, Los Gatos, CA 95032 (US). WARD, Michael [GB/US]; 4372 24th Street, San Francisco, CA 94114 (US).

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(74) Agent: BOYD, Victoria, L.; Genencor International, Inc., 925 Page Mill Road, Palo Alto, CA 94304 (US).

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(54) Title: BGL6 BETA-GLUCOSIDASE AND NUCLEIC ACIDS ENCODING THE SAME

(57) Abstract: The present invention provides a novel  $\beta$ -glucosidase nucleic acid sequence, designated *bgl6*, and the corresponding BGL6 amino acid sequence. The invention also provides expression vectors and host cells comprising a nucleic acid sequence encoding BGL6, recombinant BGL6 proteins and methods for producing the same.

## INTERNATIONAL SEARCH REPORT

International application No.

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## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12Q 1/68; C12N 9/42, 1/20, 15/00; C07H 21/04; C07K 1/00  
 US CL : 435/6, 209, 252.3, 320.1; 536/23.2; 530/350

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 435/6, 209, 252.3, 320.1; 536/23.2; 530/350

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
 STN AND WEST; ALL COMMERCIAL AND US PATENT DATA BASES FOR SEQ ID NOS. 2 AND 3.

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages     | Relevant to claim No. |
|------------|--|-----------------------|
| X          | US 6,184,018 B1 (LI et al.) 06 February 2001 (06.02.2001), see the entire document.    | 28                    |
| --         |  | -----                 |
| A          |  | 1-27, 29-38           |
| X          | US 6,002,725 A (FOWLER et al.) 08 February 2000 (08.02.2000), see the entire document. | 28                    |
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| A          |  | 1-27, 29-38           |

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